

SOP 3.5

TITLE

EXECUTE PACKAGE INPUTS

PURPOSE

To define the procedures followed by the POIC to generate the Execute Package inputs.

PARTICIPATION

| | | |
|--------------|---------|-----|
| TCO | BANDIT | OC |
| POD | LIS Rep | PRO |
| PODF Support | PAYCOM | DMC |

EFFECTIVITY

Increment 2 and subsequent

REFERENCE DOCUMENTATION

ExPCP Process Description Document (SSP 50474), April, 1999

Joint Operations Interface Procedures (JSC 28179), Volume C (MCC-H POIC), Section 3

GENERAL

There will be a daily execute package during Station standalone and joint operations. Payload products and product inputs will be generated by the POIC cadre and provided to the MCC-H Ops Plan for integration and uplink. The daily Execute Plan will contain a variety of products required to support the crew and on-board operations. Product templates are available via the IOP Execute Package Button. While most Execute Package products are generated and provided on a daily basis, other products, such as the Science Status summary, are generated on a weekly basis.

PROCEDURE

1. Payload inputs to the Execute Package are submitted by the product originator to PIMSTCO. Product originators are responsible for coordination of product content with other control centers, where necessary, prior to product submittal. Payload inputs are provided to Ops Plan no later than crew wakeup minus 8 hours-1630 GMT the day prior to uplink. Execute Package payload products and payload inputs include the following:

| | |
|---------------|---|
| POD: | Payload inputs to Daily Ops Status |
| PODF Support: | Payload procedure updates summary |
| PAYCOM: | Responses to payload-related crew questions and payload-related crew advisories |
| LIS Rep: | Weekly Science Status Summary |
| BANDIT: | VTR tape change window opportunities |

2. Execute Package payload product and payload input development

- (a) Payload inputs to Daily Ops Status delivered to POD by crew wakeup minus 11 hours-1530 GMT:

- (1) Communications links - PAYCOM
- (2) Payload operations - OC
- (3) PLSS and EXPRESS Rack operations - PRO
- (4) ISS anomalies – OC (PRO and DMC input to OC) to be included in the Failure Impact Workaround summary
- (5) Payload Science Status (as necessary) - LIS Rep
- (6) Forward work - all cadre

- (b) Payload Procedures Updates Summary:

- (1) PODF Support will generate a summary of the procedure updates for the procedures being executed during the coming day.
- (2) Summary will simply be the description of the change and the technical rationale provided in the OCR that requested the procedure change.
- (3) The actual procedure file will be sent to the crew but is not considered part of the execute package.

- (c) Responses to payload-related crew questions and payload-related crew advisories: This product is generated by PAYCOM. See POH/SOP/2.3.CB for additional guidance.

- (d) Weekly Science Status Summary:

- (1) Investigation issues/concerns/clarifications from the PI/PD teams
- (2) Planned versus accomplished science status
- (3) Science Look Ahead Summary

- (e) VTR tape change window opportunities:

VTR tape change window opportunities are read from the updated DFP for the day, and the information is input as part of the execute package.

~~3.3.—The POIC cadre member places the product or product input into PIMS, no later than 1630 GMT. Each position submits their respective inputs to the Execute Package\GMT DDD folder on the MPS network G: drive no later than crew wakeup minus 11 hours. All inputs should conform to the following naming convention:~~

~~EP XXXXX DDD.ext~~

~~EP = Execute Package~~

~~XXXXX = position name (ex. TCO, OC, POD, PAYCOM, etc.)~~

~~DDD = GMT day of year (ex. 001, 002, etc.)~~

~~4.—The POIC cadre member informs TCO the Execute Package is in PIMS.~~

~~4.5.—~~TCO tracks submittal of POIC products ~~into PIMS~~ and notifies applicable POIC cadre member when an expected product is not submitted.

~~5. 6.—At crew wakeup minus 10 hours,~~ TCO notifies POD that all products are in the PIMS Miscellaneous/Execute Package subfolder and are ready for an integrated POIC cadre review.

~~6. 7.—~~POD conducts an integrated POIC cadre review on POIC Conference loop, approves the products, and notifies TCO that the package is ready for transfer. If revisions need to be made to products that have been submitted, the originator makes the necessary changes to the appropriate products and submits them again to TCO per step 3.

~~7. 8.—~~TCO moves all approved payload inputs to the execute package to the OCA subdirectory in the HOSC drop box structure.

~~9. TCO receives approval from POD on POD loop to notify Ops Plan that the Execute Package is ready for transfer.~~

JOIP NOTE: TCO notifies Ops Plan on the Ops Plan loop when all expected POIC products are available in the HOSC drop box. (Refer to JOIP, Volume C, 3.3.4.)